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## CLAIMS

1. A method comprising:  
aggregating at least a part of one or more mote-addressed content indexes from a first set of motes.
2. The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:  
receiving at least a part of one or more mote-addressed indexes of the first set of motes.
3. The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:  
creating one or more multi-mote content indexes of the first set of motes.
4. The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:  
obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes.
5. The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:  
obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes from a multi-mote registry.
6. The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

obtaining a pre-loaded listing of motes appropriate to at least one of the one or more multi-mote content indexes.

7. The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes from one or more motes to be included in the listing.

8. The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

receiving at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index from a reporting entity at a mote of the first set of motes.

9. The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

receiving at least a part of at least one of a mote-addressed routing/spatial index from a reporting entity at a mote of the first set of motes.

10. The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

receiving at least a part of one or more multi-mote content indexes of the first set of motes.

11. The method of Claim 10, wherein said receiving at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

receiving at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index from a multi-mote reporting entity at a mote of the first set of motes.

12. The method of Claim 10, wherein said receiving at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

receiving at least a part of a mote-addressed routing/spatial index from a multi-mote reporting entity at a mote of the first set of motes.

13. The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes.

14. The method of Claim 13, wherein said creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

aggregating at least a part of at least one of a mote-addressed sensing index, a mote-addressed control index, or a mote-addressed routing/spatial index of a multi-mote content index.

15. The method of Claim 13, wherein said creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

aggregating at least a part of a mote-addressed routing/spatial index of a multi-mote content index.

16. The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

migrating to a mote of the first set of motes;

installing a multi-mote index creation agent at the mote; and

receiving at least a part of one or more mote-addressed content indexes with the multi-mote index creation unit.

17. A system comprising:  
means for aggregating at least a part of one or more mote-addressed content indexes from a first set of motes.

18. The system of Claim 17, wherein said means for aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:  
means for receiving at least a part of one or more mote-addressed indexes of the first set of motes.

19. The system of Claim 17, wherein said means for aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:  
means for creating one or more multi-mote content indexes of the first set of motes.

20. The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:  
means for obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes.

21. The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:  
means for obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes from a multi-mote registry.

22. The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:  
means for obtaining a pre-loaded listing of motes appropriate to at least one of the one or more multi-mote content indexes.

23. The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:

means for obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes from one or more motes to be included in the listing.

24. The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:

means for receiving at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index from a reporting entity at a mote of the first set of motes.

25. The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:

means for receiving at least a part of at least one of a mote-addressed routing/spatial index from a reporting entity at a mote of the first set of motes.

26. The system of Claim 17, wherein said means for aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

means for receiving at least a part of one or more multi-mote content indexes of the first set of motes.

27. The system of Claim 26, wherein said means for receiving at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

means for receiving at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index from a multi-mote reporting entity at a mote of the first set of motes.

28. The system of Claim 26, wherein said means for receiving at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

means for receiving at least a part of a mote-addressed routing/spatial index from a reporting entity at a mote of the first set of motes.

29. The system of Claim 17, wherein said means for aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

means for creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes.

30. The system of Claim 29, wherein said means for creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

means for aggregating at least a part of at least one of a mote-addressed sensing index, a mote-addressed control index, or a mote-addressed routing/spatial index of a multi-mote content index.

31. The system of Claim 29, wherein said means for creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

means for aggregating at least a part of a mote-addressed routing/spatial index of a multi-mote content index.

32. The system of Claim 17, wherein said means for aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

means for migrating to a mote of the first set of motes;

means for installing a multi-mote index creation agent at the mote; and

means for receiving at least a part of one or more mote-addressed content indexes with the multi-mote index creation unit.

33. A system comprising:

a mote; and

means for aggregating at least a part of one or more mote-addressed content indexes from a first set of motes, said means for aggregating proximate to a portion of said mote.

34. A system comprising:

at least one mote; and

at least one multi-mote index creation agent resident in said at least one mote, said at least one multi-mote index creation agent configured to index at least a part of at least one mote-addressed content index.

35. The system of Claim 34, wherein said at least one mote-addressed content index further comprises:

at least one of a sensing function, a control function, or routing/spatial information of the mote-appropriate device.

36. The system of Claim 34, wherein said at least one multi-mote index creation agent further comprises:

a processor configured to obtain at least one of a sensing function, a control function, or routing/spatial information.

37. The system of Claim 34, wherein said at least one mote comprises:

at least one of a processor, a memory, or a communications device formed from a substrate.

38. A system comprising:  
at least one mote; and  
at least one multi-mote registry resident in said at least one mote, said at least one multi-mote registry having one or more indicators of one or more motes to be indexed.

39. The system of Claim 38, wherein the one or more indicators of one or more motes to be indexed comprise:  
one or more mote-network addresses.